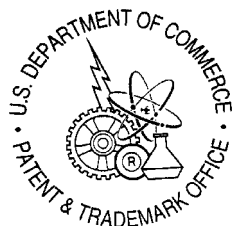


PLANT PATENTS

JANUARY 1/1/1977 -- DECEMBER 31/1999



March 2000
U.S. PATENT AND TRADEMARK OFFICE
OFFICE FOR PATENT AND TRADEMARK INFORMATION/ TAF PROGRAM
PK 3 - SUITE 441, WASHINGTON, DC 20231
TEL (703) 306-2600/ FAX (703) 306-2737

A TECHNOLOGY ASSESSMENT AND FORECAST REPORT

Plant Patents Report 1/1/1977 - 12/31/1999 Explanation of Data

This Technology Assessment and Forecast (TAF) Program Report profiles patent activity for U.S. plant patents (hereafter referred to as patents) granted between January 1, 1977 and December 31, 1999. The source of the data used for this report is the TAF data base maintained by the Office for Patent and Trademark Information.

Data Distribution By Date of Grant and By Date of Application

Parts A1 and A2

Part A1 distributes patent GRANT data by year of patent grant ("Patents Granted By Date of Patent Grant"). Part A2 distributes grant data by the year in which the patented application was filed ("Patents Granted By Date of Patent Application"). Parts A1 and A2 each provide patent counts (pages A1-1 and A2-1) and percent distributions (pages A1-2 and A2-2).

Patent data in the "Pre 1986" column corresponds to the period January 1, 1977 through December 31, 1985.

Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since 1977. Data are presented by the year in which the patent was granted ("Patents By Year of Grant") and the year the patented application was filed ("Patents by Year of Application").

DATA FOR THOSE APPLICATIONS WHICH WERE FILED BUT NEVER ISSUED (ROUGHLY 40% OF TOTAL FILINGS) ARE NOT INCLUDED IN THIS REPORT.

Since the average time period between filing for a patent and the issuing of the patent (i.e., a patent's "pendency") is now about 24 months, the patented application data for the most recent years are incomplete.* This is because a significant number of the applications filed in the most recent years, which will ultimately become patents, were still pending in **December 1999**. Since they had not yet become patents at the time this report was prepared, they were not included in this report.

Patented application data are of significant value since the date an application was filed more accurately reflects when the technology was developed. Additionally, fluctuations in data based on application date are much more likely to reflect changes in technological activity, since such fluctuations would for the most part be immune from changes in PTO processing such as occurred in 1986 when the PTO issued fewer patents than would normally have been expected due to a lack of funds to print patents. Note that a patent's "pendency" can be quite variable from one patent to another thereby affecting the date of

patent grant. Such variation in pendency is determined by many factors, including PTO workload (which varies between technologies), budget and manpower levels, patent printing schedules, etc.

Parts of the Report

Parts A1 and A2 present tables which show, by number and percent, the patent activity. Part A1 presents data by year of patent grant ("Patents Granted by Date of Patent Grant"). Part A2 redistributes grant data by year of patent application ("Patents Granted by Date of Patent Application"). The location of patent origin is determined by the residence of the first-named inventor at the time of grant.

Information on **patent ownership** reflects ownership at the time of patent grant and does not include subsequent changes in ownership. If more than one assignee was declared at the time of grant, the patent is attributed to the first-named assignee. The U.S. and Foreign Corporations ownership categories count predominantly corporate patents; however, patents assigned to other organizations such as small businesses, nonprofit organizations, universities, etc. are also included in this category. While U.S. Government patent ownership includes only patents granted to the Federal Government, no such distinction is made for Foreign Government patents.

Part B is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) which have received 3 or more U.S. plant patents since 1977. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by year in which the patented application was filed. Information on patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

* As of December 31, 1999, UTILITY patent application data (most issued patent documents are utility patents) were approximately 79% complete for patent applications filed in 1997 and 21% complete for applications filed in 1998. They are essentially complete for applications filed prior to 1997. Currently, completion percentages restricted to plant patents are not available.

Part A1

Patent Grants As Distributed By Year of Patent Grant

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 1999) ----

	NUMBER OF PATENTS															
	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Total
Total	1614	224	229	425	587	318	353	321	442	499	387	362	394	561	421	7137
U.S. Origin	1188	150	131	260	345	153	237	196	236	283	201	183	230	245	201	4239
Foreign Origin	426	74	98	165	242	165	116	125	206	216	186	179	164	316	220	2898
GERMANY	161	17	25	27	102	51	39	17	52	32	44	48	34	62	53	764
NETHERLANDS	63	17	21	54	58	38	23	46	63	63	34	41	29	71	65	686
FRANCE	53	16	6	32	24	34	21	13	22	16	16	18	27	27	10	335
UNITED KINGDOM	53	3	16	13	13	11	7	4	13	37	16	8	22	24	20	260
DENMARK	14	1	2	13	3	1	3	4	3	11	16	27	9	40	11	158
JAPAN	6	2		3	12	7	2	11	8	9	13	9	6	20	12	120
ISRAEL	2			2		2		7	21	14	21	7		12	6	94
AUSTRALIA	1		1	7	10	3	9	2	3	2	3	7	14	13	11	86
NEW ZEALAND	20	1	2	3	8	2	4	7	7	6	4	2	2	4	9	81
CANADA	8	1	3		4	6	1	8	5	2	7		15	8	6	74
BELGIUM		3	2	5	1		2	2	2	10	3	2	4	20	5	61
COSTA RICA	23	6	2	1			3		4	4	6	5		4	2	60
ITALY	4	5	1	4	2	9		2	2	1	1	2		1	1	35
AUSTRIA			15	1						1						17
SWITZERLAND	10		1		2											13
SPAIN					2			2		3		2			1	10
SWEDEN	3	1					1		1			1		1	1	9
SOUTH AFRICA			1											6	1	8
COLOMBIA	3				1	1				1	1					7
ARGENTINA		1								1			1			3
INDIA														2	1	3
TAIWAN	1									1						2
IRELAND										1	1					2
HONDURAS										1			1			2
SOUTH KOREA															2	2
NORWAY	1															1
MOROCCO														1		1
LEBANON							1									1
MEXICO															1	1
PHILIPPINES															1	1
SLOVAKIA															1	1
Ownership:																
U.S. Corporations	922	125	120	197	308	144	188	164	232	250	200	163	198	237	168	3616
U.S. Government							1						2		1	4
U.S. Individuals	480	63	43	98	119	57	75	60	61	82	59	55	73	74	65	1464
Foreign Corporations	136	26	43	96	89	75	44	74	104	150	104	116	98	199	149	1503
Foreign Government					2	1	1	8	5	2	5		5	1	2	32
Foreign Individuals	76	10	23	34	69	41	44	15	40	15	19	28	18	50	36	518

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 1999) ----

	PERCENT OF PATENTS															
	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	74	67	57	61	59	48	67	61	53	57	52	51	58	44	48	59
Foreign Origin	26	33	43	39	41	52	33	39	47	43	48	49	42	56	52	41
GERMANY	10	8	11	6	17	16	11	5	12	6	11	13	9	11	13	11
NETHERLANDS	4	8	9	13	10	12	7	14	14	13	9	11	7	13	15	10
FRANCE	3	7	3	8	4	11	6	4	5	3	4	5	7	5	2	5
UNITED KINGDOM	3	1	7	3	2	3	2	1	3	7	4	2	6	4	5	4
DENMARK	1		1	3	1		1	1	1	2	4	7	2	7	3	2
JAPAN		1		1	2	2	1	3	2	2	3	2	2	4	3	2
ISRAEL						1		2	5	3	5	2		2	1	1
AUSTRALIA				2	2	1	3	1	1		1	2	4	2	3	1
NEW ZEALAND	1		1	1	1	1	1	2	2	1	1	1	1	1	2	1
CANADA			1		1	2		2	1		2		4	1	1	1
BELGIUM		1	1	1			1	1		2	1	1	1	4	1	1
COSTA RICA	1	3	1				1		1	1	2	1		1		1
ITALY		2		1		3		1				1				0
AUSTRIA			7													0
SWITZERLAND	1															0
SPAIN								1		1		1				0
SWEDEN																0
SOUTH AFRICA														1		0
COLOMBIA																0
ARGENTINA																0
INDIA																0
TAIWAN																0
IRELAND																0
HONDURAS																0
SOUTH KOREA																0
NORWAY																0
MOROCCO																0
LEBANON																0
MEXICO																0
PHILIPPINES																0
SLOVAKIA																0
Ownership:																
U.S. Corporations	57	56	52	46	52	45	53	51	52	50	52	45	50	42	40	51
U.S. Government													1			0
U.S. Individuals	30	28	19	23	20	18	21	19	14	16	15	15	19	13	15	21
Foreign Corporations	8	12	19	23	15	24	12	23	24	30	27	32	25	35	35	21
Foreign Government								2	1		1		1			0
Foreign Individuals	5	4	10	8	12	13	12	5	9	3	5	8	5	9	9	7

Part A2

Patent Grants As Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 1999) ----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Total
Total	2114	304	422	360	363	410	399	317	340	424	431	617	535	101		7137
U.S. Origin	1500	184	241	224	195	251	212	180	214	221	218	313	228	58		4239
Foreign Origin	614	120	181	136	168	159	187	137	126	203	213	304	307	43		2898
GERMANY	204	15	66	56	53	45	35	26	25	46	52	47	80	14		764
NETHERLANDS	105	38	60	19	40	40	74	28	41	37	47	57	78	22		686
FRANCE	78	30	12	17	37	22	12	19	13	14	21	38	17	5		335
UNITED KINGDOM	74	9	8	12	10	13	7	16	14	23	11	33	30			260
DENMARK	17	12	1	4	2	2	6		8	19	27	35	25			158
JAPAN	8	3	7	8	4	12	4	11	2	12	15	23	11			120
ISRAEL	2	2		2		1	29	5	7	25	3	12	6			94
AUSTRALIA	2	2	14	2	8	4	2	2	2	4	8	21	13	2		86
NEW ZEALAND	24	3	5	2	5	6	8	6	1	5	2	6	8			81
CANADA	12		3	6	2	4	6	5	1	6	9	11	9			74
BELGIUM	7	3	1			4		8	8	2	3	15	10			61
COSTA RICA	31	1				3		5	1	5	8		6			60
ITALY	12	2		7	4	1	3	1		1	2	2				35
AUSTRIA	16								1							17
SWITZERLAND	11		2													13
SPAIN			2			2		3			2		1			10
SWEDEN	4				1		1			1			2			9
SOUTH AFRICA	1										1	4	2			8
COLOMBIA	3			1	1			1		1						7
ARGENTINA	1								1		1					3
INDIA													3			3
TAIWAN	1							1								2
IRELAND									1	1						2
HONDURAS										1	1					2
SOUTH KOREA													2			2
NORWAY	1															1
LEBANON					1											1
MEXICO													1			1
PHILIPPINES													1			1
SLOVAKIA													1			1
MOROCCO													1			1
Ownership:																
U.S. Corporations	1187	144	215	184	178	205	184	183	184	213	191	290	202	56		3616
U.S. Government					1						1	1	1			4
U.S. Individuals	600	68	82	76	61	82	58	48	59	64	77	93	82	14		1464
Foreign Corporations	214	71	81	52	81	71	114	69	88	123	130	189	189	31		1503
Foreign Government			2		1	2	11	3	1	4	2	4	2			32
Foreign Individuals	113	21	42	48	41	50	32	14	8	20	30	40	59			518

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 1999) ----

	PERCENT OF PATENTED APPLICATIONS															
	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100		100
U.S. Origin	71	61	57	62	54	61	53	57	63	52	51	51	43	57		59
Foreign Origin	29	39	43	38	46	39	47	43	37	48	49	49	57	43		41
GERMANY	10	5	16	16	15	11	9	8	7	11	12	8	15	14		11
NETHERLANDS	5	13	14	5	11	10	19	9	12	9	11	9	15	22		10
FRANCE	4	10	3	5	10	5	3	6	4	3	5	6	3	5		5
UNITED KINGDOM	4	3	2	3	3	3	2	5	4	5	3	5	6			4
DENMARK	1	4		1	1		2		2	4	6	6	5			2
JAPAN		1	2	2	1	3	1	3	1	3	3	4	2			2
ISRAEL		1		1			7	2	2	6	1	2	1			1
AUSTRALIA		1	3	1	2	1	1	1	1	1	2	3	2	2		1
NEW ZEALAND	1	1	1	1	1	1	2	2		1		1	1			1
CANADA	1		1	2	1	1	2	2		1	2	2	2			1
BELGIUM		1				1		3	2		1	2	2			1
COSTA RICA	1					1		2		1	2		1			1
ITALY	1	1		2	1		1									0
AUSTRIA	1															0
SWITZERLAND	1															0
SPAIN								1								0
SWEDEN																0
SOUTH AFRICA												1				0
COLOMBIA																0
ARGENTINA																0
INDIA													1			0
TAIWAN																0
IRELAND																0
HONDURAS																0
SOUTH KOREA																0
NORWAY																0
LEBANON																0
MEXICO																0
PHILIPPINES																0
SLOVAKIA																0
MOROCCO																0
Ownership:																
U.S. Corporations	56	47	51	51	49	50	46	58	54	50	44	47	38	55		51
U.S. Government																0
U.S. Individuals	28	22	19	21	17	20	15	15	17	15	18	15	15	14		21
Foreign Corporations	10	23	19	14	22	17	29	22	26	29	30	31	35	31		21
Foreign Government							3	1		1		1				0
Foreign Individuals	5	7	10	13	11	12	8	4	2	5	7	6	11			7

Part B

Ranked Listing of Organizations with Patent Grants

As Distributed By Year of Patent Grant

and As Distributed By Year of Patent Application

(Granted: Jan 01, 1977 - Dec 31, 1999) ---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

----- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 1999) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre															
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL
FIDES BEHEER B.V.																
Patents By Year of Grant:	0	0	0	13	20	0	0	14	23	1	2	1	2	3	0	79
Patents By Year of Application:	0	13	18	2	0	4	31	2	1	2	1	3	2	0	0	79
GESSELLSCHAFTSVERTRAG UBER DIE ERFINDERGEMEINSCHAFT "OPTI																
Patents By Year of Grant:	50	5	0	6	16	0	0	0	0	0	0	0	0	0	0	77
Patents By Year of Application:	55	6	16	0	0	0	0	0	0	0	0	0	0	0	0	77
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	36	1	1	6	10	1	2	0	4	8	2	2	0	4	0	77
Patents By Year of Application:	40	3	11	1	0	2	3	1	8	2	2	4	0	0	0	77
FLORFIS AG																
Patents By Year of Grant:	0	0	0	0	0	6	3	0	8	15	14	11	5	7	6	75
Patents By Year of Application:	0	0	0	0	9	0	7	1	15	18	10	8	7	0	0	75
LABORATOIRE DE PHYSIOLOGIE VEGETALE DE LA LONDE																
Patents By Year of Grant:	20	6	3	17	3	11	0	0	1	4	1	0	0	0	0	66
Patents By Year of Application:	29	18	2	8	3	0	1	4	0	1	0	0	0	0	0	66
GEORGE J. BALL, INC.																
Patents By Year of Grant:	7	0	0	0	0	0	3	0	13	4	12	22	0	0	0	61
Patents By Year of Application:	7	0	0	0	0	3	7	7	3	12	22	0	0	0	0	61
ARMSTRONG NURSERIES, INC.																
Patents By Year of Grant:	46	7	2	2	0	0	0	0	0	0	0	0	0	0	0	57
Patents By Year of Application:	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57
BALL PANAM PLANT COMPANY																
Patents By Year of Grant:	0	6	19	21	10	0	0	0	0	0	0	0	0	0	0	56
Patents By Year of Application:	27	10	19	0	0	0	0	0	0	0	0	0	0	0	0	56
DANZIGER - "DAN" FLOWER FARM																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	16	2	20	4	0	7	5	55
Patents By Year of Application:	0	0	0	0	0	0	17	2	0	21	3	7	5	0	0	55
DE RUITER'S NIEUWE ROZEN B.V.																
Patents By Year of Grant:	0	0	0	4	1	1	7	0	3	6	5	9	0	10	7	53
Patents By Year of Application:	0	4	0	1	6	2	3	6	1	2	11	4	13	0	0	53
CALIFORNIA FLORIDA PLANT COMPANY L.P.																
Patents By Year of Grant:	0	0	0	0	0	0	3	8	21	0	5	0	4	8	0	49
Patents By Year of Application:	0	0	0	0	0	10	9	12	1	5	0	12	0	0	0	49

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 1999) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL
CHRYSANTHEMUM BREEDERS ASSOCIATION N.V.																
Patents By Year of Grant:	3	1	13	11	2	0	0	0	2	9	0	0	3	3	0	47
Patents By Year of Application:	22	1	6	1	0	0	4	0	7	0	0	6	0	0	0	47
DAVID AUSTIN ROSES LIMITED																
Patents By Year of Grant:	0	0	0	0	0	4	3	0	9	20	0	5	0	3	3	47
Patents By Year of Application:	0	0	0	4	3	9	0	11	5	4	5	0	6	0	0	47
CLEANGRO, LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	0	0	15	14	11	43
Patents By Year of Application:	0	0	0	0	0	0	0	2	1	1	0	25	14	0	0	43
WEEKS WHOLESALE ROSE GROWERS, INC.																
Patents By Year of Grant:	0	0	0	0	3	0	1	2	3	0	10	7	4	7	3	40
Patents By Year of Application:	0	0	1	2	0	1	3	2	2	8	7	6	6	2	0	40
SUNTORY LTD.																
Patents By Year of Grant:	0	0	0	0	3	0	0	0	0	2	7	3	3	10	10	38
Patents By Year of Application:	0	0	0	3	0	0	0	0	0	5	10	11	9	0	0	38
TERRA NIGRA HOLDING B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	10	0	12	5	0	9	0	1	37
Patents By Year of Application:	0	0	0	0	0	3	7	7	9	1	4	5	0	1	0	37
JOHN BODGER & SONS CO.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	0	7	21	6	36
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	2	7	17	10	0	0	36
OGLEVEE LTD.																
Patents By Year of Grant:	0	0	0	0	12	2	0	5	4	2	4	2	2	3	0	36
Patents By Year of Application:	0	0	0	9	5	1	7	1	0	6	4	3	0	0	0	36
OGLEVEE ASSOCIATES, INC.																
Patents By Year of Grant:	27	2	0	5	0	0	0	0	0	0	0	0	0	0	0	34
Patents By Year of Application:	29	5	0	0	0	0	0	0	0	0	0	0	0	0	0	34
MONROVIA NURSERY CO.																
Patents By Year of Grant:	10	2	2	3	3	1	0	1	0	2	0	2	2	2	3	33
Patents By Year of Application:	16	1	2	2	0	1	0	0	2	0	2	4	2	1	0	33
STARK BROTHERS NURSERIES & ORCHARDS COMPANY																
Patents By Year of Grant:	24	2	0	2	1	0	0	0	0	2	2	0	0	0	0	33
Patents By Year of Application:	26	2	0	1	0	0	0	1	1	2	0	0	0	0	0	33

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 1999) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL
SEQUOIA NURSERY																
Patents By Year of Grant:	10	5	1	2	5	1	0	3	5	0	0	0	0	0	0	32
Patents By Year of Application:	16	1	3	3	1	0	7	1	0	0	0	0	0	0	0	32
BALL SEED CO., A DIVISION OF GEO. J. BALL, INC.																
Patents By Year of Grant:	0	0	0	0	16	0	3	3	1	2	6	0	0	0	0	31
Patents By Year of Application:	0	0	7	9	0	6	0	1	0	5	3	0	0	0	0	31
DUMMEN JUNGPFANZENKULTUREN																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	19	6	0	6	31
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	20	6	0	5	0	31
RUTGERS UNIVERSITY																
Patents By Year of Grant:	4	1	0	0	9	7	2	0	4	2	2	0	0	0	0	31
Patents By Year of Application:	5	0	3	12	1	2	4	3	0	1	0	0	0	0	0	31
TWYFORD INTERNATIONAL, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	7	3	8	9	2	1	30
Patents By Year of Application:	0	0	0	0	0	0	0	1	6	4	9	8	2	0	0	30
DRISCOLL STRAWBERRY ASSOCIATES INC.																
Patents By Year of Grant:	13	1	0	2	1	2	1	0	0	3	1	0	0	3	1	28
Patents By Year of Application:	14	2	0	3	1	0	0	0	3	1	0	2	2	0	0	28
KLEMM & SOHN																
Patents By Year of Grant:	0	0	1	3	5	3	2	2	2	8	2	0	0	0	0	28
Patents By Year of Application:	4	0	0	6	4	2	2	2	8	0	0	0	0	0	0	28
GOLDSMITH SEEDS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	13	0	3	6	0	0	2	3	27
Patents By Year of Application:	0	0	0	0	0	0	13	0	3	5	1	2	3	0	0	27
CEBECO LILIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	1	8	0	0	9	5	24
Patents By Year of Application:	0	0	0	0	0	1	0	1	0	8	0	4	10	0	0	24
GEER. VLETTER & J.A. DEN HAAN																
Patents By Year of Grant:	0	0	0	0	0	5	0	0	17	1	0	0	0	0	0	23
Patents By Year of Application:	0	0	0	4	1	0	18	0	0	0	0	0	0	0	0	23
SUNSHINE FOLIAGE WORLD																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	4	2	1	7	6	23
Patents By Year of Application:	0	0	0	0	0	0	0	0	3	4	2	7	3	4	0	23

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(Granted: Jan 01, 1977 - Dec 31, 1999) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
PURDUE RESEARCH FOUNDATION																	
Patents By Year of Grant:	18	0	0	1	0	0	0	0	0	0	2	0	1	0	0	22	
Patents By Year of Application:	18	1	0	0	0	0	0	0	2	0	1	0	0	0	0	22	
CORNELL RESEARCH FOUNDATION INC.																	
Patents By Year of Grant:	3	1	1	2	1	1	0	2	0	2	0	1	0	0	7	21	
Patents By Year of Application:	7	0	0	2	0	2	1	0	2	0	0	0	7	0	0	21	
ETS. GUILLOU FRERES																	
Patents By Year of Grant:	0	0	0	0	0	7	2	0	0	0	2	2	2	1	4	20	
Patents By Year of Application:	0	0	0	0	7	2	0	0	0	2	3	5	1	0	0	20	
SELECTION NEW PLANT SARL																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	11	6	2	0	19	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	11	0	7	1	0	0	19	
BALL HORTICULTURAL COMPANY																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	13	5	0	18	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	18	
PLANT SCIENCES, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	4	1	2	2	0	1	4	1	2	17	
Patents By Year of Application:	0	0	0	0	4	2	1	2	0	0	1	4	2	1	0	17	
SUN VALLEY BULB FARMS, INC.																	
Patents By Year of Grant:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	
Patents By Year of Application:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	
SUPERIOR FARMING COMPANY																	
Patents By Year of Grant:	15	0	0	1	0	1	0	0	0	0	0	0	0	0	0	17	
Patents By Year of Application:	15	1	0	0	1	0	0	0	0	0	0	0	0	0	0	17	
B. L. COBIA, INC.																	
Patents By Year of Grant:	8	0	3	0	0	5	0	0	0	0	0	0	0	0	0	16	
Patents By Year of Application:	11	0	0	5	0	0	0	0	0	0	0	0	0	0	0	16	
B. V. HANDELSKWEKERIJ/M. C. VAN STAAVEREN																	
Patents By Year of Grant:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	
Patents By Year of Application:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	
ENTHOVEN BREEDING B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	8	0	0	6	2	16	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	8	0	6	0	2	0	16	

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(Granted: Jan 01, 1977 - Dec 31, 1999) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
PLANT COMPANY																	
Patents By Year of Grant:	0	0	0	0	0	0	8	5	0	0	0	0	0	0	3	16	
Patents By Year of Application:	0	0	0	0	8	5	0	0	0	0	0	0	3	0	0	16	
CORN. BAK B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	3	0	2	3	0	1	0	2	4	15	
Patents By Year of Application:	0	0	0	0	1	2	1	1	2	2	0	1	5	0	0	15	
FISCHER GERANIUMS, INC.																	
Patents By Year of Grant:	0	1	14	0	0	0	0	0	0	0	0	0	0	0	0	15	
Patents By Year of Application:	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	
MILESTONE AGRICULTURE INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	0	6	5	1	15	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	3	1	8	2	1	0	15	
POULSEN ROSER APS																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	10	5	15	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	15	
SAN JOAQUIN ROSE CO.																	
Patents By Year of Grant:	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	
Patents By Year of Application:	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	
BAY CITY FLOWER COMPANY, INC.																	
Patents By Year of Grant:	0	0	0	1	0	1	1	1	0	1	0	5	1	2	1	14	
Patents By Year of Application:	0	1	0	0	2	0	1	1	0	1	4	1	3	0	0	14	
BLOOMS OF BRESSINGHAM LTD.																	
Patents By Year of Grant:	0	0	0	0	0	1	1	0	2	3	1	0	1	3	2	14	
Patents By Year of Application:	0	0	0	0	2	0	2	0	3	1	1	0	5	0	0	14	
O. M. SCOTT AND SONS COMPANY																	
Patents By Year of Grant:	3	0	0	3	5	0	0	1	1	0	1	0	0	0	0	14	
Patents By Year of Application:	3	3	3	2	0	1	0	1	1	0	0	0	0	0	0	14	
OGLESBY PLANT LABORATORIES, INC.																	
Patents By Year of Grant:	0	0	0	0	1	0	1	0	2	2	0	1	3	4	0	14	
Patents By Year of Application:	0	0	0	1	0	1	2	0	2	0	1	6	1	0	0	14	
SAATZUCHT QUEDLINBURG GMBH																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	12	2	0	14	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	13	1	0	0	14	

[illegible]

(Granted: Jan 01, 1977 - Dec 31, 1999) ---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

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(Granted: Jan 01, 1977 - Dec 31, 1999) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
SUN WORLD, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	3	0	4	0	0	0	1	3	0	11	
Patents By Year of Application:	0	0	0	0	0	3	2	2	0	0	0	4	0	0	0	11	
ADAMS COUNTY NURSERY, INC.																	
Patents By Year of Grant:	0	0	0	1	4	0	0	0	0	0	0	0	1	1	3	10	
Patents By Year of Application:	0	1	0	4	0	0	0	0	0	0	1	0	4	0	0	10	
BEGONIA BREEDERS ASSOC. B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	7	3	10	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	
CHOPIN & WRIGHT NURSERY, LTD.																	
Patents By Year of Grant:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
Patents By Year of Application:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
CLEARWATER NURSERY, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	2	3	0	2	1	10	
Patents By Year of Application:	0	0	0	0	0	0	0	1	1	2	3	2	1	0	0	10	
CP (DELAWARE), INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	10	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	8	2	0	10	
GEBR. VERWER																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	
H. P. METZLER & SONS, INC.																	
Patents By Year of Grant:	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	10	
Patents By Year of Application:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
KNUD JEPSEN A/S																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	4	0	6	0	10	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	4	5	1	0	0	10	
STATE OF ISRAEL, MINISTRY OF AGRICULTURE, AGRICULTURAL RESEARCH ORGANIZATION, THE VOLCANI CENTER																	
Patents By Year of Grant:	0	0	0	0	0	0	0	4	2	3	0	0	0	0	1	10	
Patents By Year of Application:	0	0	0	0	0	0	6	3	0	0	0	0	1	0	0	10	
TREESEARCH (PARTNERSHIP)																	
Patents By Year of Grant:	5	2	0	0	0	0	0	0	0	0	0	0	0	1	2	10	
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	1	2	0	0	10	

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	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL
COLORADO STATE UNIVERSITY RESEARCH FOUNDATION																
Patents By Year of Grant:	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	8
Patents By Year of Application:	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	8
FIDES, HANDELSKWEKERIJ																
Patents By Year of Grant:	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	8
Patents By Year of Application:	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
INTERNATIONAL PLANT MANAGEMENT																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	8
KENT'S BROMELIAD NURSERY, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	3	2	1	0	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	2	3	2	1	0	0	0	8
NEW PLANTS																
Patents By Year of Grant:	0	0	0	1	3	4	0	0	0	0	0	0	0	0	0	8
Patents By Year of Application:	0	1	2	5	0	0	0	0	0	0	0	0	0	0	0	8
OMS INVESTMENTS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	1	4	1	1	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	1	2	4	1	0	0	8
PELARGONIEN-FISCHER KG																
Patents By Year of Grant:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
PLANTAS DE NAVARRA S.A.																
Patents By Year of Grant:	0	0	0	0	0	0	0	2	0	3	0	2	0	0	1	8
Patents By Year of Application:	0	0	0	0	0	2	0	3	0	0	2	0	1	0	0	8
WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION, INC.																
Patents By Year of Grant:	0	0	0	0	3	0	0	2	0	1	1	0	0	1	0	8
Patents By Year of Application:	0	0	0	3	0	0	2	1	0	1	0	0	1	0	0	8
BALL FLORAPLANT																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	7
Patents By Year of Application:	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	7
BURCHELL NURSERY, INC.																
Patents By Year of Grant:	4	0	1	0	0	0	0	0	0	0	0	0	0	1	1	7
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	2	0	0	7

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(Granted: Jan 01, 1977 - Dec 31, 1999) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL
DENACHTVLINDER B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	0	0	1	3	1	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	2	0	0	4	1	0	0	7
ELSNER PAC JUNGPFANZEN																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	2	4	1	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	2	4	1	0	0	7
GROOT ASSOCIATES II																
Patents By Year of Grant:	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
L. DAEHNFELDT LTD.																
Patents By Year of Grant:	6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	7
Patents By Year of Application:	6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	7
MIYOSHI & CO. LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	3	0	4	0	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	7
REEDLEY NURSERY, INC.																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
SAKATA SEED AMERICA, INC.																
Patents By Year of Grant:	0	0	0	0	3	0	0	0	0	0	0	0	0	3	1	7
Patents By Year of Application:	0	0	2	1	0	0	0	0	0	0	0	4	0	0	0	7
STEWART ORCHIDS																
Patents By Year of Grant:	0	0	0	1	3	2	0	0	1	0	0	0	0	0	0	7
Patents By Year of Application:	0	1	1	3	1	0	1	0	0	0	0	0	0	0	0	7
UNIVERSITY OF ILLINOIS																
Patents By Year of Grant:	4	2	0	0	0	0	0	0	1	0	0	0	0	0	0	7
Patents By Year of Application:	6	0	0	0	0	0	1	0	0	0	0	0	0	0	0	7
AGROPLANT-SELECT BV																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
ASTERKLUBBEN																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	6

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(Granted: Jan 01, 1977 - Dec 31, 1999) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL	
D. S. COLE GROWERS, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	6	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	2	1	1	2	0	0	6	
ESTABLISSEMENTS BARBERAT ET BLANC, LABORATOIRE DE PHYSIOLOGI																	
Patents By Year of Grant:	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	6	
GEBR. MAN C.V.																	
Patents By Year of Grant:	0	0	0	0	0	2	0	0	0	0	0	0	0	3	1	6	
Patents By Year of Application:	0	0	0	0	2	0	0	0	0	0	0	0	4	0	0	6	
GEO. W. PARK SEED CO., INC.																	
Patents By Year of Grant:	0	0	1	0	3	0	0	0	0	0	0	0	0	2	0	6	
Patents By Year of Application:	1	0	3	0	0	0	0	0	0	0	0	2	0	0	0	6	
HILLTOP ORCHARDS & NURSERIES, INC.																	
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
KLEHM BOYS PARTNERSHIP																	
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
KOALA BLOOMS PTY. LTD.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	6	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	6	
METZLER INVESTMENTS																	
Patents By Year of Grant:	0	0	1	1	4	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	1	1	0	4	0	0	0	0	0	0	0	0	0	0	0	6	
NATIONAL SEED DEVELOPMENT ORGANISATION LIMITED																	
Patents By Year of Grant:	4	1	0	0	1	0	0	0	0	0	0	0	0	0	0	6	
Patents By Year of Application:	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6	
OGLESBY PLANTS INTERNATIONAL, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	6	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	6	
ROSES BY FRED EDMUNDS, INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	1	2	3	0	0	0	0	0	0	6	
Patents By Year of Application:	0	0	0	0	0	1	3	2	0	0	0	0	0	0	0	6	

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(Granted: Jan 01, 1977 - Dec 31, 1999) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL
TERRA-NOVA NURSERIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	3	0	0	0	1	2	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	3	0	0	0	2	1	0	6
BIOTECH PLANTS PTY. LTD.																
Patents By Year of Grant:	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
BODGER SEEDS, LTD.																
Patents By Year of Grant:	0	0	0	0	0	4	0	0	1	0	0	0	0	0	0	5
Patents By Year of Application:	0	0	0	0	4	0	0	1	0	0	0	0	0	0	0	5
CARLTON NURSERY COMPANY, INC.																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
CHAS. KLEHM & SON																
Patents By Year of Grant:	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
DELEON'S BROMELIAD WORLD, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	2	0	0	0	0	0	3	0	5
Patents By Year of Application:	0	0	0	0	0	2	0	0	0	0	0	0	3	0	0	5
ETABLISSEMENTS BARBERET ET BLANC																
Patents By Year of Grant:	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
FLOWERWOOD NURSERY INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	1	3	0	0	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	1	1	1	2	0	0	0	0	5
FRAMPTONS NURSERIES LIMITED																
Patents By Year of Grant:	2	0	0	0	0	3	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	5
H. DE MEYER - DE ROUCK B.V.B.A.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	4	0	0	1	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	1	3	0	1	0	0	0	0	5
HINES NURSERIES INC.																
Patents By Year of Grant:	0	0	0	0	0	0	3	0	0	1	1	0	0	0	0	5
Patents By Year of Application:	0	0	0	0	3	0	0	1	0	1	0	0	0	0	0	5

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 1999) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre 1986	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	TOTAL
HOKUETSU NOHJI CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
Patents By Year of Application:	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
M. LEK EN ZONEN, B.V.																
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	5
Patents By Year of Application:	3	0	0	0	0	0	0	0	0	0	2	0	0	0	0	5
MT. HOOD LILIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	5
NEW WORLD PLANTS USA																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	5
OREGON BULB FARMS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	5
Patents By Year of Application:	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
POULSEN ROSER INTERNATIONAL S.A.R.L.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	5
ROYAL SLUIS B.V.																
Patents By Year of Grant:	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
UNIVERSITY OF CONNECTICUT																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	5
UNIVERSITY OF FLORIDA BOARD OF REGENTS																
Patents By Year of Grant:	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0	5
Patents By Year of Application:	0	0	0	0	1	1	1	2	0	0	0	0	0	0	0	5
UNIVERSITY OF TENNESSEE RESEARCH CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
YOVAL AGRICULTURAL PRODUCTS LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	1	0	3	0	0	0	5
Patents By Year of Application:	0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	5
Other Organizations (419)																
Patents By Year of Grant:	116	22	9	49	42	30	30	27	37	47	32	36	56	63	77	673
Patents By Year of Application:	155	35	31	30	38	32	35	35	27	35	66	65	71	18	0	673